

MEMORANDUM FOR: Cliff Middleton
Project Director, Survey Section B

FROM: Charles W. Challstrom
Director, National Geodetic Survey

SUBJECT: INSTRUCTIONS: Leveling at CORS Site near
Driver, Virginia
Task Number: BK6D0000

GENERAL:

Information concerning specific criteria for this CORS site is contained in Attachment 1. Total distance (progress) to be leveled is approximately 5 km.

PURPOSE:

The purpose of this leveling project is to establish precise NAVD 88 heights for the bench marks located near the CORS site.

DATA FORMATS AND HANDLING:

- A. Leveling data will be submitted in "Blue Book" format (see "Input Formats and Specifications of the National Geodetic Survey Data Base," Volume I. Horizontal Control Data (revised November 1998) and Volume II. Vertical Control Data, Federal Geodetic Control Subcommittee, September 1994) to NGS Headquarters on floppy disks. Floppy disks shall contain the final version of the following files: HGF, HGZ, and HA in direct access format and RPT and ABS in sequential format. Data shall be submitted to the Field Operations Branch within 30 days of completion of the project.
- B. All bench marks established during this leveling project must be plotted on the best available map and the positions scaled using standard procedures, if the bench mark position cannot be determined with a GPS instrument. One set of these maps shall be submitted with the data. Those recovered bench marks which do not have PIDs will be treated as new marks.

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- C. Recovery bench mark descriptions shall be written in accordance with the "Blue Book" (unified descriptions), except do not submit incomplete descriptions (i.e., descriptions with Recovery Type Codes of "RM"), unless the bench mark is destroyed or not recovered.

LIAISON:

The street address of the following NGS offices in Building SSMC3 is:

1315 East-West Highway
Silver Spring, MD 20910-3282

Questions concerning overall survey operations shall be directed to:

William T. McLemore, Jr.
Chief, Field Operations Branch
Observation and Analysis Division
SSMC3 -- N/NGS41, Station 8564
Telephone: 301-713-3215, ext. 117
FAX: 301-713-4327
E-Mail: mclemore@ngs.noaa.gov

Questions concerning the leveling portion of the project shall be directed to:

Robert J. Siclari
Project Development Branch
Spatial Reference System Division
SSMC3 -- N/NGS2, Station 8735
Telephone: 301-713-3194, ext. 130
Fax: 301-713-4324
E-Mail: bobs@ngs.noaa.gov

Point-of-Contact:

Lt. Joe Chop
USCG, Supervisor Shore Support
DGPS C2CEN
Portsmouth, VA 23703
Telephone: 757-686-4064

Virginia State Geodetic Coordinator:

Michael W. Zmuda
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219
Telephone: 804-786-2565
Fax: 804-786-1788
E-Mail: zmuda_mw@vdot.state.va.us

ADDRESS:

Keep the Field Operations Branch informed of the party's physical address and telephone number at all times.

PUBLICITY:

See "NGS Operations Handbook," Section 1.4.1.

EXPENSES:

Expenses for this project will be charged to Task Number BK6D0000.

TRAVEL:

Travel and per diem are authorized in accordance with Federal Travel Regulations, Part 301-11 Per Diem Allowances. Current per diem rates were effective January 1, 2000.

ACKNOWLEDGMENT:

Please acknowledge receipt of these instructions in your Monthly Report.

Attachments

cc: N/NGS - D. Zilkoski
N/NGS - S. Misenheimer*
N/NGS - D. Milbert
N/NGS1 - G. Mitchell*
N/NGS11 - S. Cofer
N/NGS2 - E. McKay
N/NGS21 - S. Frakes
N/NGS21 - R. Anderson*
N/NGS21 - C. Craig*
N/NGS21 - R. Siclari
N/NGS22 - J. Drosdak
N/NGS4 - E. Wade
N/NGS4 - D. Hoar
N/NGS41 - W. McLemore
N/NGS41 - J. Blackwell
FGCS Members*
USCG, Supervisor Shore Support - Lt. Joe Chop
Virginia State Geodetic Coordinator - Michael W. Zmuda

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